LEDiL

LIANNA
Cost and energy efficient linear lighting

VERONICA-MAXI
Robust design to transform outdoor areas into creative landscapes

DALINE
Miniature Dark Light sophistication

THEIA
Low glare area and street lighting for urban environments

ADELY, AMY, YASMEEN
Premium single lenses and reflectors for retail lighting

SPORT
Optimal lighting for players and spectators

Linear lenses

LIANNA

PATENT PENDING

2-row lens for the most cost and energy efficient linear lighting

Retail lighting
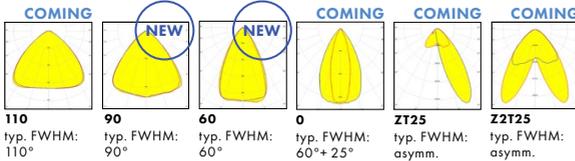Industrial lighting
Indoor architectural lighting

LIANNA sizes:
d: 40 x 540 mm | h: 10.70 mm
d: 40 x 1120 mm | h: 10.70 mm
d: 40 x 1400 mm | h: 10.70 mm
d: 40 x 1680 mm | h: 10.70 mm

– **Best efficacy** to achieve the lowest total cost of ownership

– **Best power range** for efficiently achieving high lumen output

– **Wide selection of beams** optimised for pleasant low glare lighting

– **Enables ingress protection** with no indvidual cover glass needed

– **Customisable lengths** with high optical quality without gaps

Compatibility:
Two-row PCB modules with 3030 and 2835 LEDs.
Can be used with single LEDs or 1x2 clusters.

COMING	NEW	NEW	COMING	COMING	COMING
110 typ. FWHM: 110°	**90** typ. FWHM: 90°	**60** typ. FWHM: 60°	**0** typ. FWHM: 60°+ 25°	**ZT25** typ. FWHM: asymm.	**Z2T25** typ. FWHM: asymm.

ISLA

The most efficient aisle lighting solution on the market

Retail lighting
Shelf lighting
Aisle lighting

– Unique lens design for the **most efficient and uniform retail track lighting** on the market

– The best cost, performance, and size ratio

– **Low glare, aisle lighting optimised beam** for a pleasant shopping experience

ISLA-6X1-OA
typ. FWHM: 85°+27°

Compatibility:
Optimised for 5050 flat package LEDs.
Recommended to be used with two LEDs per one optic.

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend on the specific LED/optic combination.
Go to www.ledil.com for LED specific values and product datasheets.

BRIANNA

PATENTED

Beautiful Bright Light optics

Office lighting
Retail lighting
Indoor architectural lighting

BRIANNA sizes:	
7X1:	d: 280 x 36 mm| h: 13.4 mm
14X1:	d: 560 x 36 mm | h: 13.4 mm
28X1:	d: 1120 x 36 mm | h: 13.4 mm
DAISY sizes:	
NEW 1X1:	d: 40 x 40 mm | h: 20.3 mm
4X1:	d: 180 x 40 mm | h: 20.3 mm
7X1:	d: 280 x 40 mm | h: 20.3 mm
NEW 7X1-CRV:	d: 280 x 40 mm | h: 20.3 mm
8X1:	d: 305 x 38 mm | h: 20.3 mm
NEW 14X1:	d: 305 x 38 mm | h: 20.3 mm
28X1:	d: 1140 x 40 mm | h: 20.3 mm
2X2:	d: 79.4 x 79.4 mm | h: 21 mm

– Bright Light optics with **astonishing visual appearance and comfort**

– **Beautiful seamless lens** for sleek luminaires of variable lengths without any gaps

– **Low glare** (UGR ≤19 @ 1000 lm/ft) h**uman centric lighting** with uniform top surface

– Compatible with DAISY family luminaires using the BRIANNA shade

Compatibility:
Optimised for 2835 LED clusters.

TESTED FOR
TUNABLE WHITE

XX-W
typ. FWHM:
60°

NEW
XX-WW
typ. FWHM:
74°

DAISY

PATENTED

Premium Dark Light optics

Office lighting
Retail lighting
Indoor architectural lighting

– A low glare optic (UGR <19) for **premium, high-contrast lighting**

– Delivers **elegant, human centric lighting**

– **Seamless design** in several lengths, colours and form factors designed to fit in different luminaires
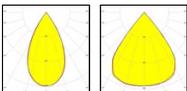
Compatibility:
Optimised for 2835 LED clusters.

Available in many colors

TESTED FOR
TUNABLE WHITE

XXX-W
typ. FWHM:
50°

XXX-WW
typ. FWHM:
80°

XXX = 1X1, 4X1, 7X1, 8X1, 14X1, 28X1 or 2X2

7X1/8X1 /14X1-M
typ. FWHM:
35°

7X1/14X1 -W2
typ. FWHM:
50°

7X1/14X1 -O
typ. FWHM:
25 + 70°

7X1/ 14X1 -BW
typ. FWHM:
asymm.

7X1/ 14X1 -ZT25
typ. FWHM:
asymm.

7X1-WAS
typ. FWHM:
asymm.

**7X1/14X1 -FT-D**
typ. FWHM:
asymm.

Linear lenses

DALINE

Miniature Dark Light sophistication for architectural brilliance

Indoor architectural lighting
Undercabinet displays
Cove lighting
Mini track systems

- LEDiL **Dark Light goes smaller** while providing the same low glare, premium illumination
- Tailored to be **compatible with the LINDA-10** platform for easy luminaire customization
- **Full range of beams** for any architectural lighting needs
- **Two type of shades** for downlight and wall grazing/washing applications
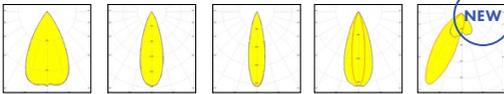
Compatibility:
- Optimised for 1717 CSP LEDs and compatible with up to 2835 MP LEDs.

Size:
d: 280 x 12.5 mm

WW	W	M	O	WAS
typ. FWHM: ~35°+85°	typ. FWHM: ~40°+85°	typ. FWHM: ~55°+95°	typ. FWHM: asymm.	typ. FWHM: asymm.

NEW

LEILA-Y-SC2

Superb light quality with compact LEILA-Y and TINA-Y optics

Indoor architectural lighting
Retail lighting

Size:
d: 25.6 mm x h: 14.8 mm

- **Exquisite light quality.** Designed using patented YASMEEN design principles
- **Fast and easy mounting** with SOLDER-CLIP-2
- Optimised for modern LED packages with enhanced LED compatibility
- **Wide selection** of 6 beams

Compatibility:
- Optimised for 3535 LED packages and compatible with up to 5050 LED packages.

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend of the specific LED/optic combination.
Go to www.ledil.com for LED specific values and product datasheets.

Linear lenses

LINDA-10

Linear light control in pure and compact form

Indoor architectural lighting
Under cabinet lighting
Shelf lighting
Cove lighting

Size:
d: 9.8 x 1140 mm

– Enables **efficient, spectacular illumination** mounted on **simple diffusor strips**
– **Easy integration** for discreet display case and shelf lighting in tight spaces
– **Excellent beam control** and light quality

Compatibility:
– 8–10 mm LED strips.
– Compatible with 2835, 3030 and 5630 MP LEDs.

W typ. FWHM: ~55°+95°	**M** typ. FWHM: ~40°+85°	**O** typ. FWHM: ~35°+85°	**ZT25** typ. FWHM: asymm.	**F** typ. FWHM: asymm.	**UP** typ. FWHM: ~45°+100°

DARCY

Versatile Dark Light for superior architectural lighting with HP LEDs

Architectural lighting
Decorative lighting

Size:
d: 94 x 25.8 mm

– Superior **optical control** combined with **high aesthetics**
– Offers unprecedented **versatility** and **adjustability** (beams, intensity, expandability)
– **Optimised for HP LEDs** for perfect light quality, even with narrow beams

Compatibility:
– Optimised for 3535 LED packages and compatible with up to 5050 LED packages.

RS typ. FWHM: 14°	**SS** typ. FWHM: 16°	**M** typ. FWHM: 25°	**W** typ. FWHM: 36°	**WW** typ. FWHM: 55°	**O** typ. FWHM: 45°+15°

The information contained herein is the property of LEDiL Oy, Joensuunkatu 7, FI-24100 SALO, Finland, and is subject to change without prior notice. Please visit www.ledil.com for additional information, such as the latest photometric files, 3D mechanical models, and application notes relating to handling, gluing and taping.

5

Reflector & Single lenses

ADELY

Premium aluminium reflector for easy and adaptable luminaire designs

Retail lighting
Hospitality lighting
Track and downlighting

– **Visual perfection and flexible connectivity** with YASMEEN holders
– **Wide selection** of spot to extra wide beam angles
– **Easy mounting** with flange, LEDiL HEKLA, B+W and BJB connectors.

Compatibility:

Ø50 mm: LES 10 mm
Ø70mm: LES 14.5 mm

YASMEEN

Premium lens with supreme light quality and look

Retail lighting
Track lighting
Hospitality lighting

TESTED FOR
TUNABLE
WHITE

PATENTED

– **Precise beam control** with low glare for high contrast lighting
– **Wide range** of sizes and beams
– **Easy mounting** with top flange or holders

VIDEO

Compatibility:

Ø35 mm: LES 3-6 mm
Ø50 mm: LES 6–10 mm
Ø70 mm: LES 10–14.5 mm

Connectivity to HEKLA and B-interface connectors and sockets.

AMY

Low profile lens with wide selection of beams

Retail lighting
Hospitality lighting
Track and downlighting

TESTED FOR
TUNABLE
WHITE
M/W/WW
BEAMS

PATENTED

– Perfect choice for **slim, elegant track** and **downlights**
– **Wide range** of sizes and beams including special spots, wall washers and oval
– **Easy mounting** with top flange or holders

Compatibility:

Ø35 mm: LES 6 mm
Ø45 mm and Ø50 mm: LES 10 mm
Ø70 mm: LES 14.5 mm
Ø110 mm: LES 14.5 mm

Connectivity to HEKLA and B-interface connectors and sockets.

Sports lighting

SPORT

Game changing, low glare optic for all types of sports lighting

Sports and stadium area lighting
Wide area lighting
Tunnel lighting

– Allows **optimal lighting conditions** for both players and spectators that meet standards and requirements of **different sports**

– Symmetrical and asymmetrical beams designed for **low glare** sports lighting floodlights

– Enables the creation of **energy efficient** and **dark-sky friendly** lighting installations

DARK-SKY
friendly

Compatibility:

2X2: Optimised for HP 3535 and compatible with up to 5050 size flat LED packages.
IP-24: Optimised for flat high power 5050 size LED packages.

NEW
SPORT-IP-24-FT6

NEW
SPORT-IP-24-FT6W
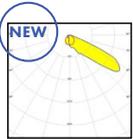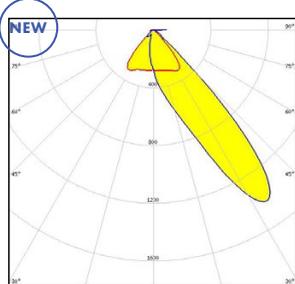
NEW
SPORT-2X2-FT4
Available in PMMA and High Temperature PMMA
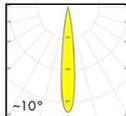
~10°
SPORT-2X2-S1
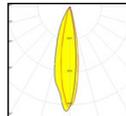
SPORT-2X2-S2
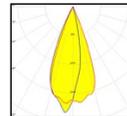
SPORT-2X2-S4
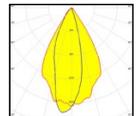
SPORT-2X2-S6
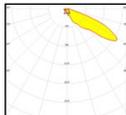
SPORT-2X2-FT60
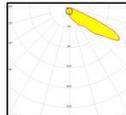
SPORT-2X2-FT6
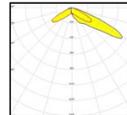
SPORT-2X2-FT6W

Urban lighting

AMBER

Eliminate the blue light - always warm colours with white light LEDs

PATENTED

Street lighting
Outdoor area lighting
Urban lighting

Light that doesn't disturb the nocturnal life of different species such as turtles and bats
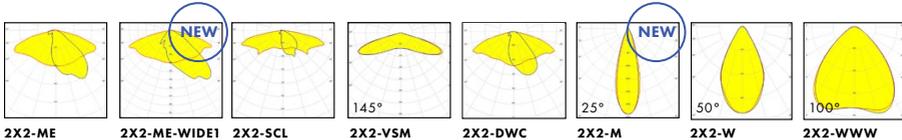
DARK-SKY *friendly*

– Same footprint and light distribution as STRADA/STRADELLA lenses

– Amber colour that blocks ~99 % of blue light from the LEDs

Compatibility (size):

2X2:	Up to 5050 size LED packages (50 x 50 mm)
2X2-5050:	Flat 5050 size LED packages (50 x 50 mm)
8:	3030 and 3535 LED packages (50 x 50 mm)
16:	Up to 3535 size mid-power LEDs (50 x 50 mm)
IP-2X6:	Up to 5050 size LED packages (173 x 71.4 mm)
IP-24:	Flat 5050 size LED packages (173 x 71.4 mm)
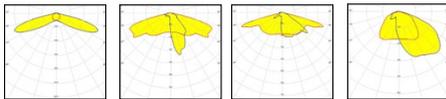
2X2-T1   2X2-T2   2X2-T3   2X2-T4

2X2-ME   2X2-ME-WIDE1 **NEW**   2X2-SCL   2X2-VSM 145°   2X2-DWC   2X2-M **NEW** 25°   2X2-W 50°   2X2-WWW 100°

2X2-FT6 **NEW**   IP-2X6-T2 **NEW**   IP-24-T2-M **NEW**   16-SCL **NEW**   16-ME **NEW**   2X2-5050-S 25°   8-HB-M **NEW** 60°   8-HB-W **NEW** 90°

FWHM angles, efficiencies and cd/lm values contained herein are typical values. Actual measured values depend on the specific LED/optic combination.
Go to www.ledil.com for LED specific values and product datasheets.

THEIA

Low glare area and street lighting for urban environments

Low pole street and area lighting
Recreational areas such as parks and markets
Pathways and walkways

THEIA-IP-32
d: 173 x 71.4 mm
h: 9.2 mm

– Pleasant looking outdoor lighting with **low glare even from low pole heights**

– **Uniform surface luminance with reduced pixelation**

– **Ingenious edge-to-edge design** that can be linked together with multiple lenses

– Same outer dimensions as in LEDiL IP-2X6 and IP-24 lenses

DARK-SKY *friendly*

Compatibility:
Optimised for 3030 size mid-power and compatible up to 3535 size flat LED packages.

VERONICA-MAXI50

Robust design to transform outdoor areas into creative landscapes

Outdoor architectural
Wall-grazing
Colour-mixing

– **Perfect colours** for decorative outdoor lighting

– **Easy twist and lock installation** with protection against dust and water

– **Fits** a range of **readily available housings**

Compatibility:
Compatible with up to 7070 size LED packages or clusters of LEDs with max diameter of 8.2 mm

VERONICA-MAXI50-RS	VERONICA-MAXI50-S	VERONICA-MAXI50-M	VERONICA-MAXI50-W	VERONICA-MAXI50-WAS
typ. FWHM: 6°	typ. FWHM: 24°	typ. FWHM: 30°	typ. FWHM: 50°	

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9

Street, area and industrial lighting

STRADA-IP-24 / HB-IP-24

Boosts your luminaire efficiency and output

Industrial lighting
Street lighting
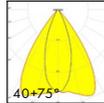Area lighting

HB-IP-24-M
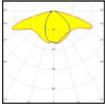d: 173 x 71 mm
h: 9.6 mm
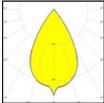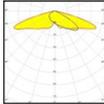
HB-IP-24-W
d: 173 x 71 mm
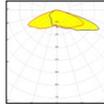h: 9.0 mm
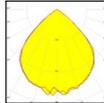
HB-IP-24-WWW
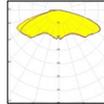d: 173 x 71 mm
h: 9.1 mm

HB-IP-24-O
d: 173 x 71 mm
h: 10.0 mm
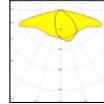
40+75°

STRADA-IP-24-T2-M-PC
d: 173 x 71 mm
h: 9.1 mm

STRADA-IP-24-T3-M
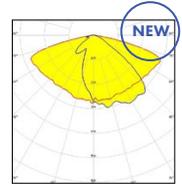d: 173 x 71 mm
h: 9.0 mm

STRADA-IP-24-T4-B
d: 173 x 71 mm
h: 9.0 mm
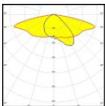
STRADA-IP-24-VSM
d: 173 x 71 mm
h: 9.8 mm

STRADA-IP-24-DWC
d: 173 x 71 mm
h: 9.0 mm

– **Industry standard redefined** – same dimensions and screw holes as the 2X6 lens family
– **High performing** – excellent beam quality built on the STRADA legacy
– **Versatile** – extreme efficiency when under-driving or extreme output at max power

Compatibility:
Flat 5050 size LED packages.

NEW
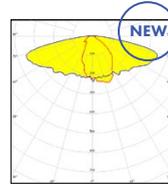
STRADA-IP-24-SCL
d: 173 x 71 mm
h: 9.0 mm

NEW

STRADA-IP-24-ME
d: 173 x 71 mm
h: 9.0 mm

STRADA-2X3-5050

50 x 50 mm lens family in 2X3 format for street and area lighting applications
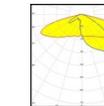
Street lighting
Area lighting

T2

T3

T4

VSM

– **Versatile** – extreme efficiency when under-driving or extreme output at max power
– **Cost efficient** – better beam control, longer pole distances
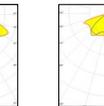– **Unique patent pending structure** to ease airflow and thermal control
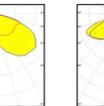
Compatibility:
Flat 5050 size LED packages.

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Go to www.ledil.com for LED specific values and product datasheets.
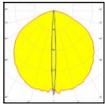
CORAL

Light control and va-va-voom for urban and technical applications

Urban lighting
Area lighting

CORAL-IP-OW
typ. FWHM:
115+6°

– Extremely **precise elliptical beam** for wide coverage and reach

– **Superior colour mixing** with line cluster of discreet LEDs

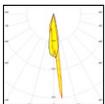– Easy to install **2K-molded construction** for ultimate optical performance and durability

Compatibility:
Optimised for single and clustered high-power LEDs.

FILIPPA

Ø33 mm single-lens meeting the StVZO standard for bicycle lighting

Bicycle lighting

FILIPPA-STVZO
typ. FWHM:
8+22°

– **Complies with StVZO standard** for bicycle lighting

– **Crisp cutoff** to avoid causing glare for other drivers

– **Allows safe and clear visibility** for all road users

Compatibility:
Verified LEDs for StVZO compliant results: Lumileds Luxeon Altilon (1 and 2-chip versions).
Mechanical compatibility for up to 3535 size LED packages such as Osram Black flat (2-chip), Osram Oslon Gen3, XT-E, XP-G3

LEDiL

perfecting light

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about product launches and reference cases
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